Index of Claims

| A | 1:4: | -10 | A 1 | |
|-----|---------|-------|------|----|
| App | licatio | 1/Con | τιοι | NO |

10/615,080

Examiner

Chuck Huynh

Applicant(s)/Patent under Reexamination

KOSTER, KARL

Art Unit

2683

| √ | Rejected |
|---|----------|
| П | Allowed |

| _ | (Through numeral) Cancelled |
|---|--------------------------------|
| ÷ | Restricted |

| Z | Non-Elected |
|---|--------------|
| _ | Interference |

| A | ` | Appeal |
|---|---|----------|
| C |) | Objected |

| | | | | | | | | | | | | | | | | | | | | _ |
|----------|------------|--------------|--|--|----------|--|--|----------|--------------|----------|-------|----------|----------|---|---|----------|--|--|----------|---|
| Claim | Г | | | [| Date | e | | | | 1 | Cla | im | | | | | Date | | | _ |
| Final | 5/18/19 | | | | | | | | | | Final | Original | | | | | | | | |
| 1 | - | 1 | | | | | | - | | | | 51 | | _ | | | | Г | | t |
| 2 | 1 | Z | | | | | | | | | | 52 | | | | | | | | I |
| 3 | <u>ا ر</u> | Y Z | <u> </u> | <u> </u> | _ | L | ᆫ | _ | _ | | | 53 | | | _ | | | <u></u> | L | ļ |
| 4 | 14 | <u> </u> | <u> </u> | <u> </u> | | <u> </u> | <u> </u> | <u> </u> | <u> </u> | | | 54 | | | | | _ | _ | <u> </u> | ļ |
| 5 | 1 | K | <u> </u> | _ | _ | _ | <u> </u> | <u> </u> | _ | | | 55 | | | _ | - | <u> </u> | _ | <u> </u> | ļ |
| 6 7 | / | Ł. | - | - | _ | ├ | | ⊢ | - | | | 56 57 | \vdash | - | - | _ | <u> </u> | - | <u> </u> | ł |
| 8 | 1 | 1 | ┢ | - | _ | ├─ | ⊢ | - | - | | | 58 | | _ | | | - | - | ⊢ | ł |
| 9 | V | 1 | _ | 1 | | - | H | - | 1 | 1 | | 59 | | | - | | - | - | \vdash | t |
| 10 | 1,, | | | | | | | - | | | | 60 | | | | - | | _ | \vdash | t |
| 11 | C | | Г | \vdash | | | \vdash | 1 | Г | | | 61 | | | | | | | 一 | t |
| 12 | - | 7 | | | | | | | | | | 62 | | | | | | | | t |
| 13 | 0 | <u> </u> | | | | | | | | | | 63 | | | | | | | | I |
| 14 | 1 | /_ | | | | | <u></u> | | | | | 64 | | | | | | | | I |
| 15 | 1/ | | | | | <u> </u> | Ŀ | _ | | | | 65 | | | | | _ | | | ļ |
| 16 | 10 | . _ | <u> </u> | _ | <u> </u> | <u> </u> | _ | _ | <u> </u> | | | 66 | | | | | <u> </u> | ldash | <u> </u> | ļ |
| 17 | 10 | <u> </u> | _ | - | L | ├ | _ | _ | - | | | 67 68 | Н | | | <u> </u> | _ | <u> </u> | | ļ |
| 18 19 | V | } | | | - | - | - | - | | | | 69 | Н | | | - | - | | - | ł |
| 20 | 0 | <u> </u> | \vdash | - | ├ | \vdash | ┢ | \vdash | - | } | | 70 | \vdash | | | - | - | - | - | ł |
| 21 | U | ۲, | ┢ | ╁ | H | - | \vdash | \vdash | \vdash | | | 71 | Н | _ | | \vdash | \vdash | \vdash | \vdash | t |
| 22 | - | 1 | \vdash | | | \vdash | | \vdash | \vdash | l | | 72 | Н | | _ | \vdash | - | | | t |
| 23 | - | r | | | | | T | | | | | 73 | П | | | | | | | t |
| 24 | | | | | | | Г | | | | | 74 | П | | | | | | \Box | İ |
| 25 | | | | | | | | | | | | 75 | | | | | | | | I |
| 26 | | | | | | | | | | | | 76 | Ш | | | | | | | I |
| 27 | <u> </u> | $oxed{oxed}$ | <u> </u> | | | _ | _ | | ļ | | | 77 | Щ | | | <u>L</u> | | | _ | ļ |
| 28 | <u> </u> | _ | <u> </u> | ļ | _ | _ | _ | _ | ļ | | | 78 | Ш | | | _ | | | _ | ļ |
| 29 30 | - | <u> </u> | <u> </u> | <u> </u> | _ | <u> </u> | - | <u> </u> | - | | | 79 | Н | _ | _ | <u> </u> | | <u> </u> | ⊢ | ł |
| 31 | - | - | ├ | | - | ┢ | - | - | - | | | 80 81 | Н | _ | - | _ | | - | ⊢ | ł |
| 32 | +- | ┢ | ⊢ | ┢ | ┢ | ┝ | - | ┝ | | | | 82 | Н | | | - | | - | ┢ | ł |
| 33 | \vdash | \vdash | - | _ | \vdash | \vdash | \vdash | ┢ | | | | 83 | Н | | _ | - | _ | - | ┢ | t |
| 34 | 1 | T | ╁ | | | \vdash | \vdash | | - | . } | | 84 | Н | | | \vdash | - | \vdash | ⇈ | t |
| 35 | Ĺ | Г | | | | | | | | | | 85 | | | | | | | | ţ |
| 36 | | | | | | | | | | | | 86 | | _ | | | | | | I |
| 37 | \Box | L | | \Box | | Ĺ | | 匚 | L | | | 87 | | | | Ľ | | | | ĺ |
| 38 | 1 | <u> </u> | _ | L_ | _ | _ | <u> </u> | <u> </u> | L_ | | | 88 | Ш | | _ | _ | <u> </u> | _ | 1_ | ļ |
| 39 | 1 | _ | <u> </u> | _ | _ | _ | - | ├ | ļ | | | 89 | Н | | | <u> </u> | _ | <u> </u> | ــ | ļ |
| 40 | + | - | - | - | ⊢ | ├- | - | <u> </u> | - | | | 90 91 | Н | | _ | <u> </u> | <u> </u> | ├- | ├ | ł |
| 41 | ┰ | \vdash | - | - | - | - | - | ⊢ | - | | | 91 | \vdash | | - | <u> </u> | | \vdash | - | ł |
| 42 | + | - | - | - | - | - | ┢ | \vdash | - | | | 93 | \vdash | | - | - | - | - | - | ł |
| 44 | + | \vdash | - | - | - | - | \vdash | | | } | | 94 | \vdash | | | - | \vdash | \vdash | \vdash | t |
| 45 | t | ┢ | \vdash | 1 | 1 | \vdash | 1 | | \vdash | | | 95 | H | | - | \vdash | | | \vdash | t |
| 46 | T | \vdash | | | | Ι_ | | | | | | 96 | | | | _ | | <u> </u> | \Box | t |
| 47 | | | | | | | | | | | | 97 | | | | | | | | Ī |
| 48 | | 匚 | | | | | | | | | | 98 | | | | | | | | Į |
| 49 | Ļ | Ľ | L | | | | Ĺ | | | | | 99 | Ш | _ | | | L | | Ĺ | ļ |
| 50 | 1 | 1 | 1 | 1 | l | ı | 1 | 1 | 1 | 1 1 | | 100 | Ιl | | l | _ | ļ | l | 1_ | ı |

| Cla | aim | | | | | Date | • | | | |
|-----------|--|----------|--|--|--|---|--|----------|----------|----------|
| <u> </u> | | | $\overline{}$ | Г | $\overline{}$ | | | | | _ |
| l _ | <u> </u> | | | | | | | | | |
| Final | Original | | | | | | | | | |
| i i i | ij | | | | | | | | | |
| 1 | 0 | | | | | | | | | |
| _ | 51 | | \vdash | \vdash | | | _ | | | |
| - | 51 52 53 | \vdash | \vdash | - | - | \vdash | _ | _ | | _ |
| - | 52 | ├ | ⊢ | \vdash | - | \vdash | | | _ | _ |
| <u> </u> | 53 | | _ | <u> </u> | | | | _ | _ | |
| | 54 55 | | | | | | | | | |
| | 55 | | | L | | | | | | |
| | 56 | | | | | | | | | |
| | 57 | | | | | | | | | |
| | 58 | | | | | | | | | |
| | 59 | | - | | - | | | | \vdash | - |
| _ | 60 | \vdash | - | \vdash | - | | - | _ | _ | - |
| | 60 | | _ | \vdash | - | \vdash | _ | | _ | \vdash |
| <u> </u> | 61 | \vdash | _ | <u> </u> | _ | \vdash | | | | <u> </u> |
| | 62 | | $ldsymbol{ldsymbol{eta}}$ | _ | | | | | | _ |
| | 63 | | | _ | | | | | | |
| | 63 64 65 | L | | L | L | | L_ | | | L |
| | 65 | | | | | | | | | |
| | 66 | | | | | | | | | Т |
| - | 67 | \vdash | _ | _ | | | - | | | \vdash |
| | 68 | _ | - | \vdash | | \vdash | - | | \vdash | \vdash |
| | 00 | _ | _ | ⊢ | - | \vdash | _ | | \vdash | \vdash |
| | 69 70 71 72 73 74 75 76 77 | <u> </u> | | <u> </u> | | - | <u> </u> | _ | L | _ |
| <u> </u> | 70 | <u> </u> | _ | _ | <u> </u> | | _ | _ | | <u> </u> |
| | 71 | | | _ | _ | | | | | _ |
| | 72 | | | | | | | | | |
| | 73 | | | | | | | | | |
| | 74 | | | Т | | | | | | |
| — | 75 | | _ | \vdash | | | | _ | _ | \vdash |
| | 76 | - | - | - | \vdash | - | _ | - | \vdash | ┢ |
| — | 77 | - | | ┢ | \vdash | | | ┢ | | - |
| —— | 77 | _ | | | <u> </u> | _ | | | | ⊢ |
| <u> </u> | 78 | _ | _ | _ | <u> </u> | | - | <u> </u> | | ┡ |
| | 79 | _ | _ | L | | | <u> </u> | <u> </u> | | L |
| | 80 | _ | | L | | | | | | L |
| | 81 | | | | | | | | | |
| | 82 | | | | | | | | | |
| | 82 83 | | _ | | | | | | | |
| | 84 | Ι- | \vdash | | | <u> </u> | | \vdash | | Т |
| — | 85 | \vdash | | | ┢ | | | \vdash | - | ┢ |
| — | 86 | \vdash | - | \vdash | | \vdash | \vdash | \vdash | - | - |
| - | | - | ├- | - | _ | | ├— | \vdash | | \vdash |
| - | 87 | <u> </u> | | ├- | <u> </u> | <u> </u> | <u> </u> | _ | <u> </u> | - |
| <u></u> | 88 | _ | L_ | L | | _ | | <u>_</u> | | L |
| L | 89 | | L | | <u>_</u> | $ldsymbol{ld}}}}}}$ | <u></u> | | L | _ |
| | 90 | | | | | | | | | |
| | 91 | | | | | | | | | |
| | 92 | | | Г | Г | | | | | Γ |
| | 93 | Т | | \vdash | \vdash | | \vdash | | | Г |
| - | 94 | \vdash | ┢ | \vdash | _ | \vdash | \vdash | \vdash | | \vdash |
| | | ⊢ | - | - | - | | - | - | - | - |
| | 95 | | \vdash | \vdash | | - | | | - | - |
| | 96 | _ | _ | <u> </u> | _ | _ | <u> </u> | <u> </u> | <u> </u> | _ |
| <u></u> | 97 | L_ | L_ | L_ | _ | L | <u> </u> | | <u>_</u> | _ |
| | 98 | L | L | | | | | L | L | L |
| | 99 | | | I_ | | | | | | |
| | 100 | _ | $\overline{}$ | | | <u> </u> | | | Г | Г |

| Teal Teal | Cla | aim | Date | | | | | | | | \neg |
|---|-------|---------|----------|----------|----------|----------|----------|--------------|--------------|--------------|----------|
| 101 | | | | | | | | | | | |
| 102 103 104 105 106 107 108 109 110 111 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 141 142 143 144 144 145 146 147 148 | Final | Origina | | | | | | | | | |
| 102 103 104 105 106 107 108 109 110 111 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 141 142 143 144 144 145 146 147 148 | | 101 | | | | | | | | | |
| 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 141 142 143 144 145 146 147 148 | | 102 | | | | | | | | | |
| 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 141 142 143 144 145 146 147 148 | | 103 | <u></u> | | <u> </u> | | <u> </u> | <u> </u> | L | | \Box |
| 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 141 142 143 144 145 146 147 148 | | 104 | | | <u> </u> | | <u> </u> | | | | Щ |
| 107 | | 105 | | | - | | ⊢ | <u> </u> | _ | <u> </u> | - |
| 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 | | 107 | | | _ | | \vdash | \vdash | Н | \vdash | \dashv |
| 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 | | 108 | | _ | - | | | - | | \vdash | \dashv |
| 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 | | 109 | | _ | Г | | \vdash | | | Н | \Box |
| 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 | | 110 | | | | | | | | | |
| 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 | | 111 | | | | | | | | | |
| 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 | | 112 | | | _ | \Box | <u> </u> | | _ | L | |
| 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 | | 113 | | _ | _ | | <u> </u> | | <u> </u> | <u> </u> | Н |
| 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 | | 114 | | - | \vdash | | \vdash | - | \vdash | \vdash | Н |
| 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 | | 116 | | | | | - | - | | | - |
| 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 | | 117 | _ | | <u> </u> | _ | \vdash | \vdash | - | | H |
| 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 | | 118 | | - | | | | - | \vdash | | \neg |
| 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 | | 119 | | | | | | | | | |
| 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 | | 120 | | | | | | | | | |
| 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 | | 121 | | | | | | | _ | | |
| 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 | | 122 | Щ. | | _ | | ļ | _ | <u> </u> | _ | |
| 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 | | 123 | _ | | <u> </u> | \vdash | <u> </u> | | ├ | | - |
| 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 | | 124 | \vdash | _ | ├ | \vdash | ├ | ┝ | ├ | \vdash | Н |
| 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 | | 126 | | | _ | - | - | ┢ | - | - | H |
| 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 | | 127 | | | | | | | | | |
| 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 | | 128 | | | | | | | | | |
| 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 | | 129 | | | | | | | | | |
| 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 | | 130 | | | _ | | <u> </u> | _ | <u> </u> | | Ш |
| 136 137 138 139 140 141 142 143 144 145 146 147 148 | | 131 | | | | | <u> </u> | | <u> </u> | | _ |
| 136 137 138 139 140 141 142 143 144 145 146 147 148 | | 132 | _ | _ | H | - | ⊢ | | ├ | | \vdash |
| 136 137 138 139 140 141 142 143 144 145 146 147 148 | | 134 | \vdash | _ | ├ | <u> </u> | - | \vdash | - | \vdash | H |
| 136 137 138 139 140 141 142 143 144 145 146 147 148 | | 135 | \vdash | | \vdash | | <u> </u> | \vdash | ┢ | | Н |
| 137 138 139 140 141 142 143 144 145 146 147 148 | | l 136 | | | | | | | | | |
| 140 141 142 143 144 145 146 147 148 | | 137 | | | | | | | | | |
| 140 141 142 143 144 145 146 147 148 | | 138 | | | L | | L | L | L | | |
| 141 | | 139 | <u>L</u> | <u> </u> | \vdash | L. | _ | L | <u> </u> | <u> </u> | Щ |
| 142 143 144 145 146 147 148 | | | <u> </u> | <u> </u> | | _ | _ | L | <u> </u> | <u> </u> | Н |
| 143 | | 147 | _ | _ | \vdash | \vdash | - | | \vdash | \vdash | \vdash |
| 144 145 146 147 148 | | | | — | ├ | - | \vdash | \vdash | - | \vdash | \vdash |
| 145 146 147 148 | | | \vdash | | \vdash | | | \vdash | \vdash | \vdash | Н |
| 146 147 148 | | 145 | | | | | | Г | T | | М |
| 148 | | 146 | | | | | | | | | |
| 148 | | 147 | | | L | | | | | | |
| 11491 | | 148 | L | _ | <u> </u> | <u> </u> | <u> </u> | _ | L | <u> </u> | Щ |
| | ļ | | L | L | <u> </u> | <u> </u> | _ | <u> </u> | _ | <u> </u> | Щ |
| 150 | L | 150 | L | L | <u> </u> | <u> </u> | L | L | | <u> </u> | |